

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12020

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01L1/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01L G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 913 245 A (GROSSMAN BARRY G) 15 June 1999 (1999-06-15) column 1, line 5 - line 16 column 3, line 10 - column 5, line 37 figures 2-5	1-11
X	WO 02 46712 A (TJIN SWEE CHUAN ;NANYANG TECHNOLOGICAL UNIVERSI (SG)) 13 June 2002 (2002-06-13) page 1, line 5 -page 2, line 9 page 6, line 8 -page 7, line 16 page 11, line 20 - line 26	1,3,4
X	US 5 193 129 A (KRAMER DENNIS A) 9 March 1993 (1993-03-09) column 2, line 14 - line 65	1,3,10, 11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

13 February 2004

Date of mailing of the international search report

27/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Coda, R

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 539 275 A (ISRAEL STATE) 28 April 1993 (1993-04-28) page 2, line 3 -page 3, line 45 -----	1,3,4,10
X	US 5 604 318 A (FASSHAUER PETER) 18 February 1997 (1997-02-18) column 1, line 54 -column 4, line 59 -----	1,2,5

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Information on patent family members

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			EP 1340061 A1	03-09-2003
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